

FIG. 1

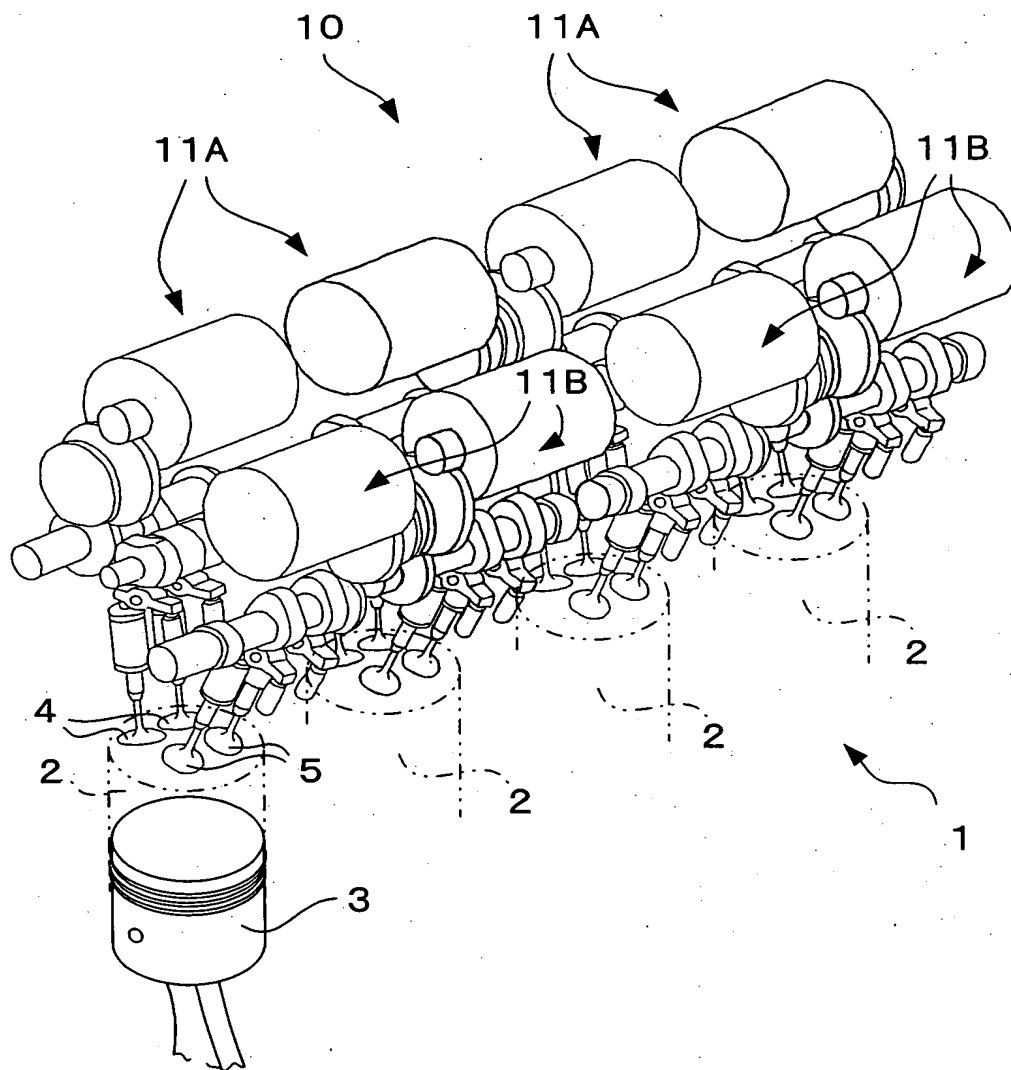


FIG. 2

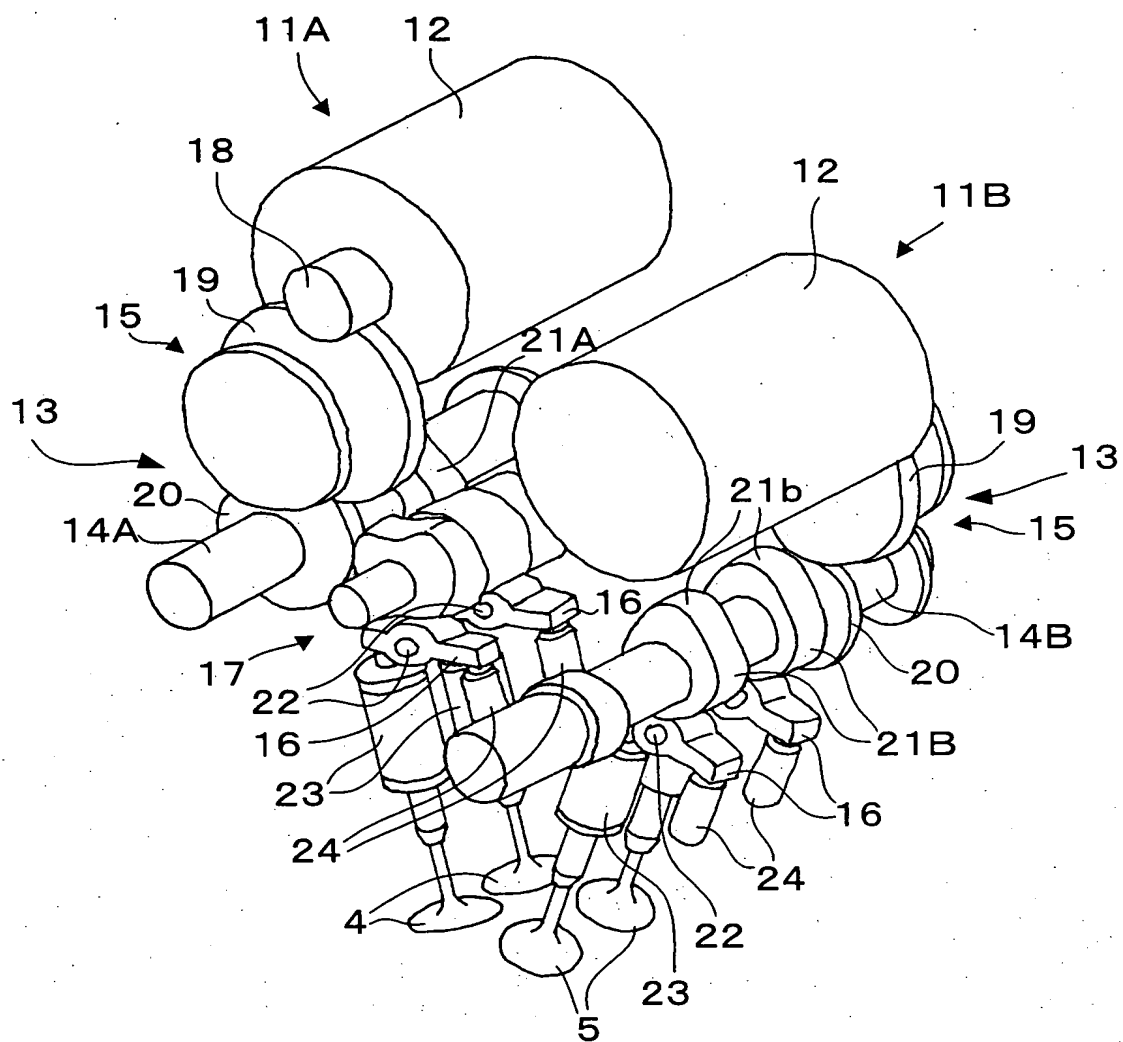


FIG. 3

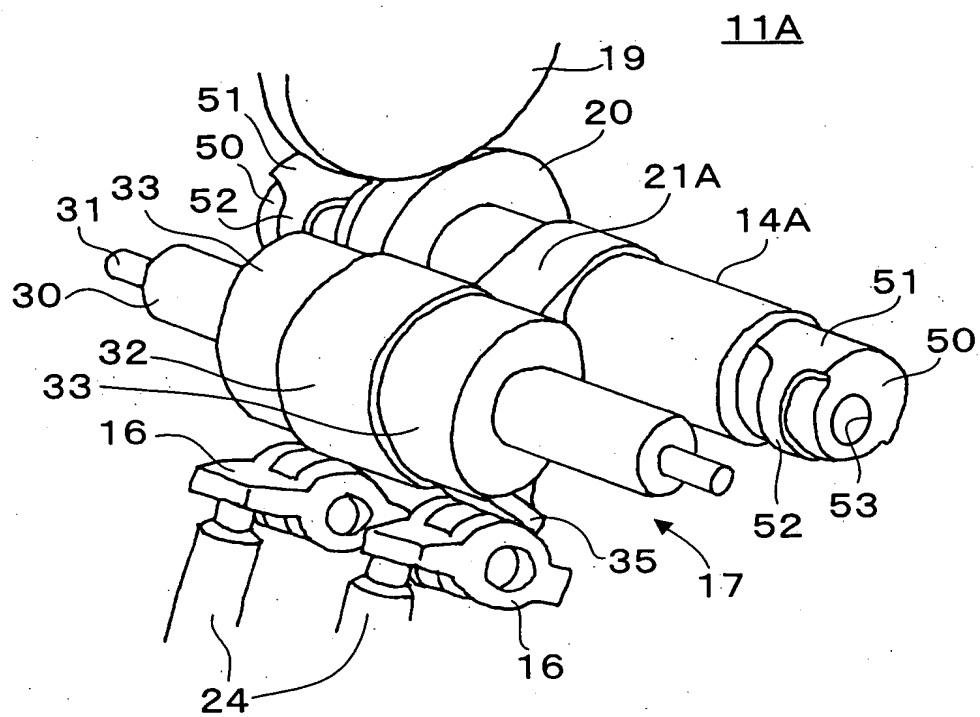


FIG. 4

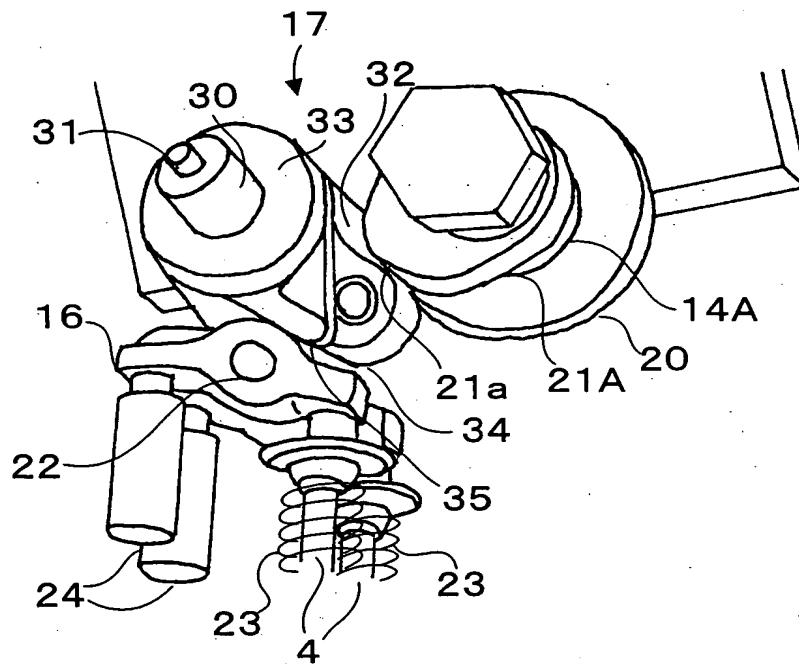


FIG. 5

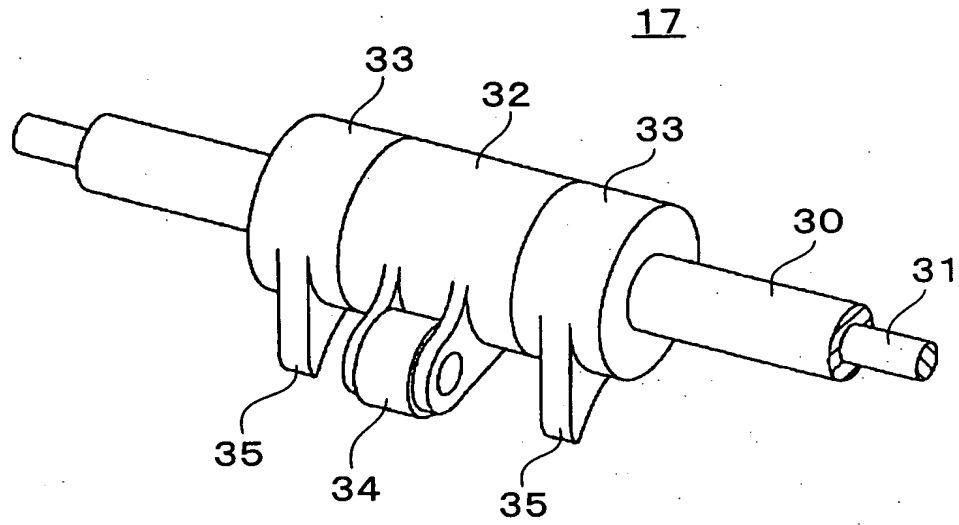


FIG. 6

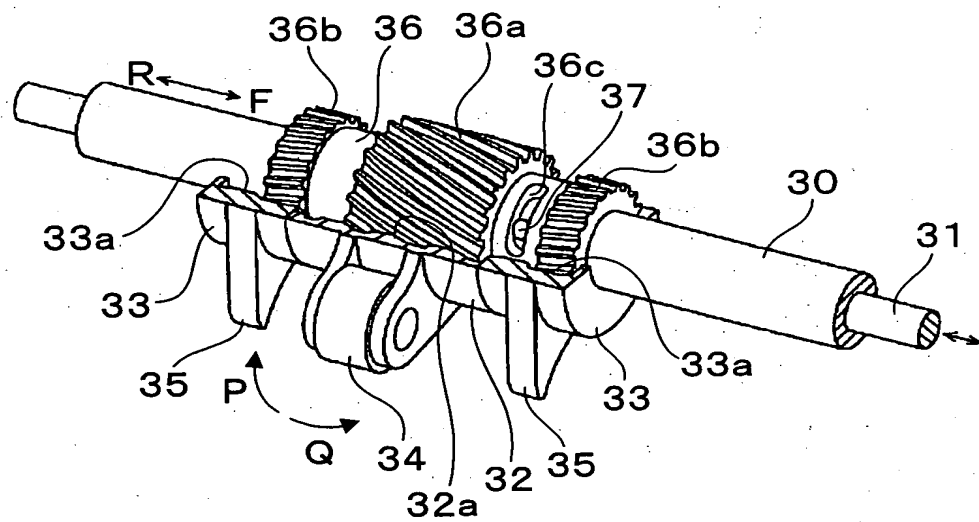


FIG. 7

OPERATION CHARACTERISTICS TABLE



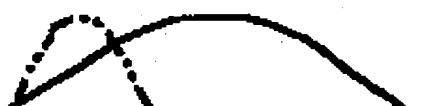





DEGREE OF FREEDOM	LIFT SHAPE
(1) PHASE	
(2) OPERATION ANGLE & LIFT	
(3) OPERATION ANGLE	
(4) LIFT	
(5) LIFT SPEED	
(6) CYCLE CHANGE	
(7) INTERNAL EGR REQUIRED	
(8) VALVE STOP	

FIG. 8

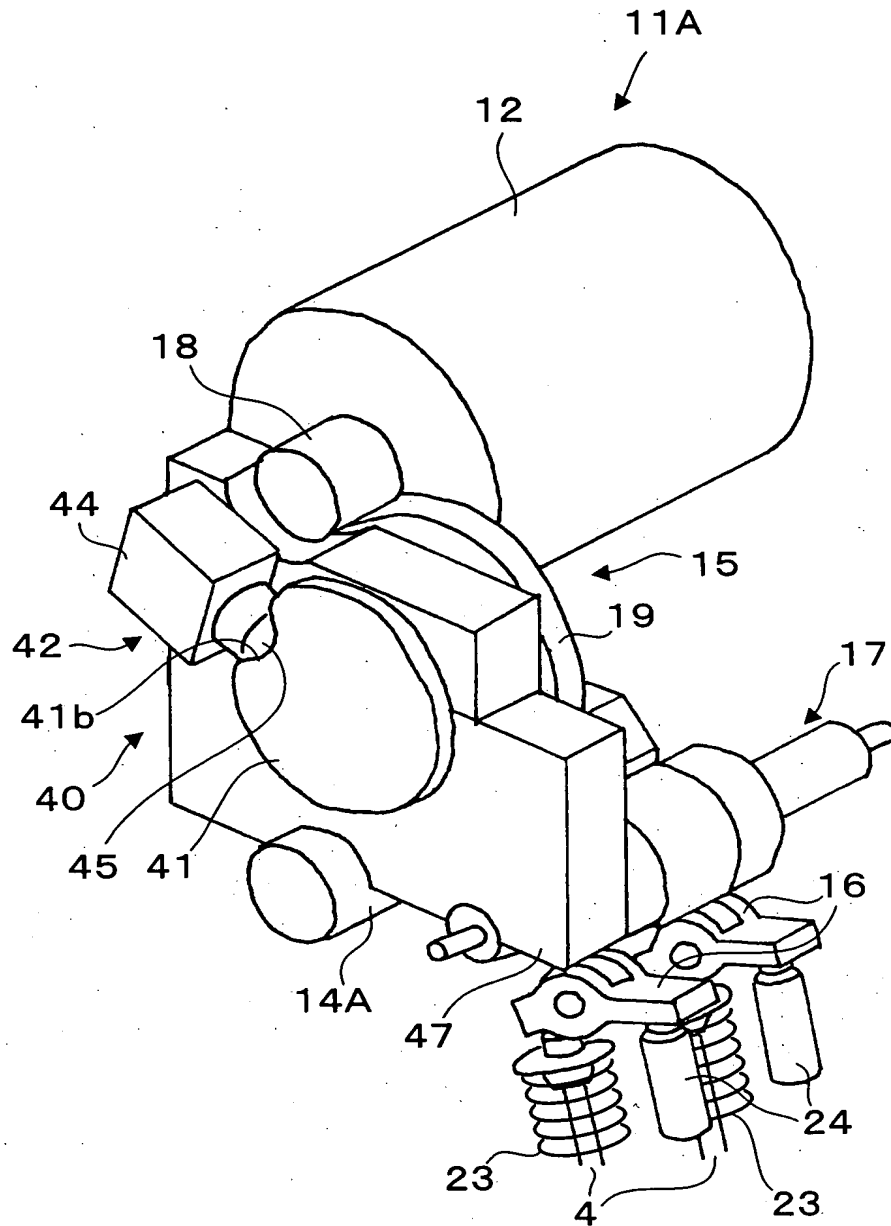


FIG. 9

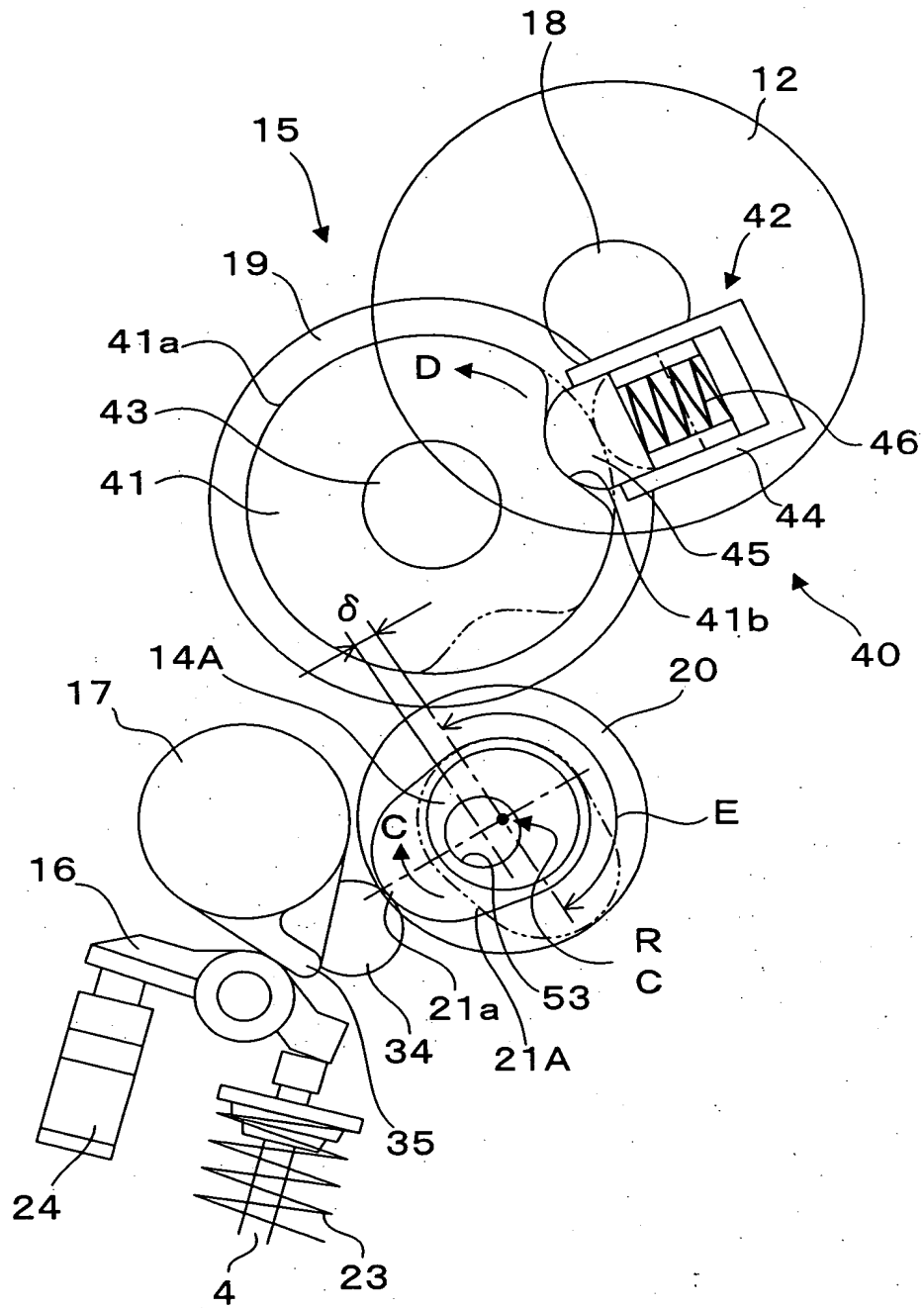


FIG. 10

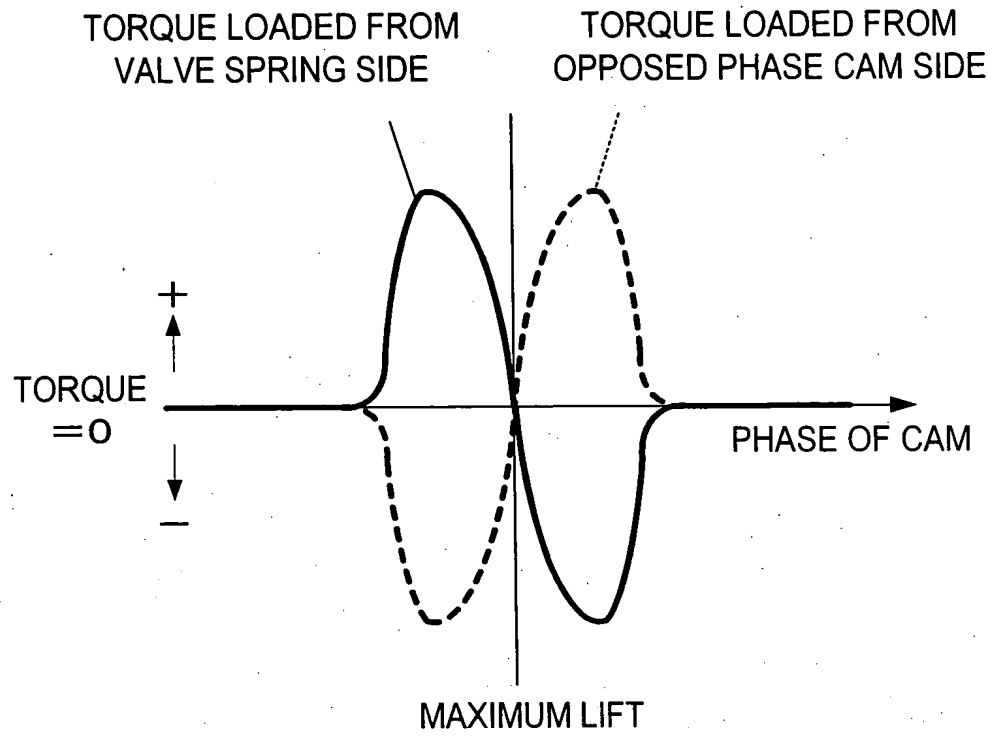


FIG. 11

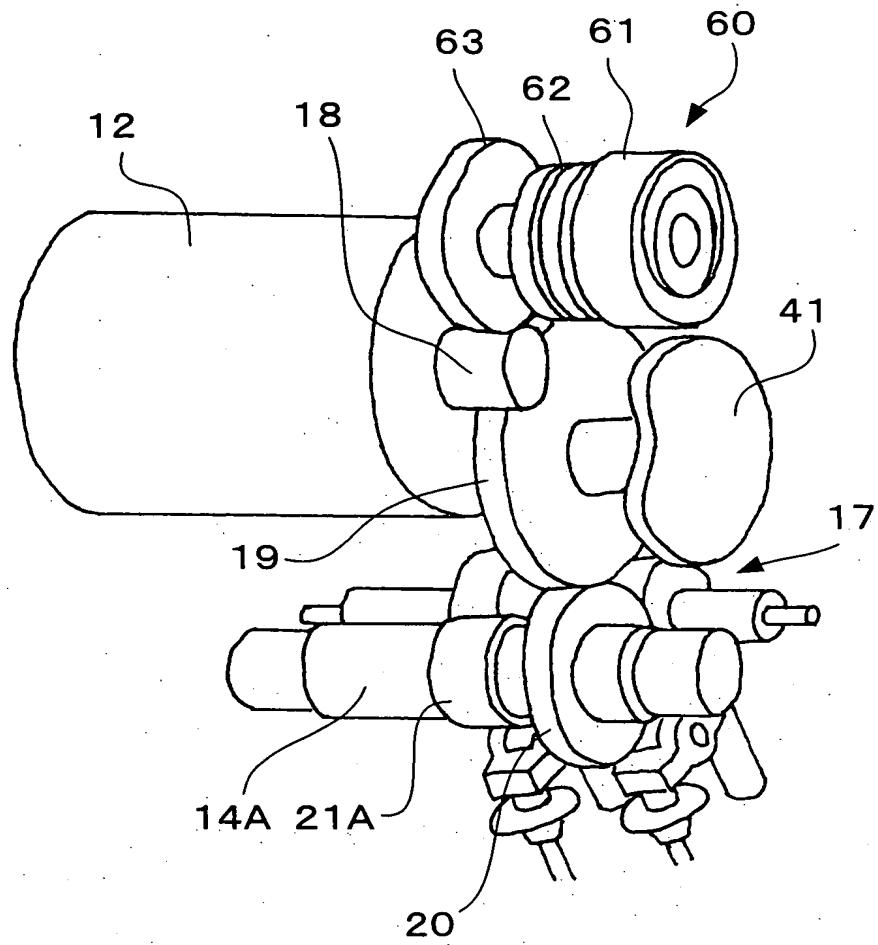


FIG. 12

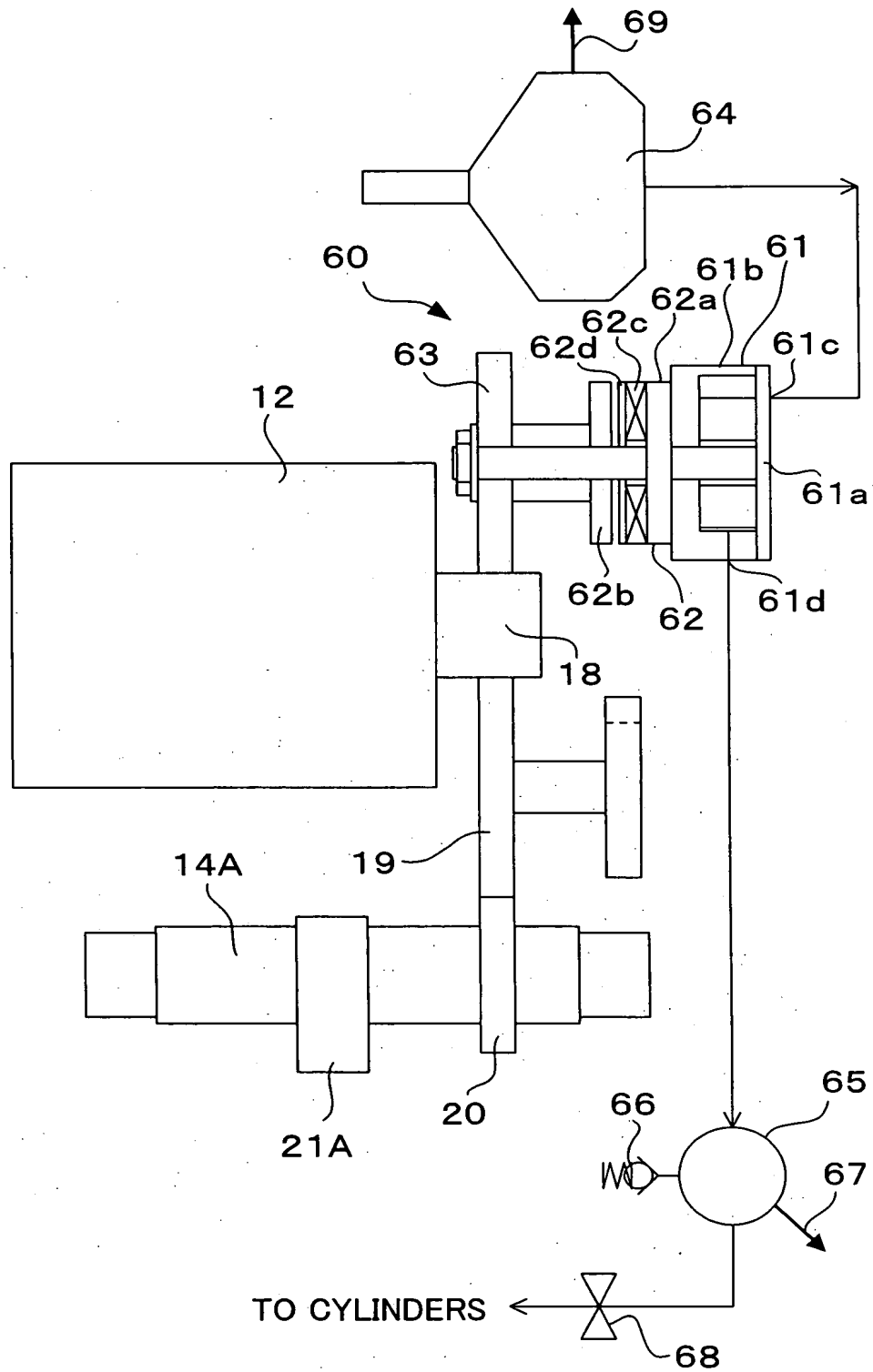


FIG. 13

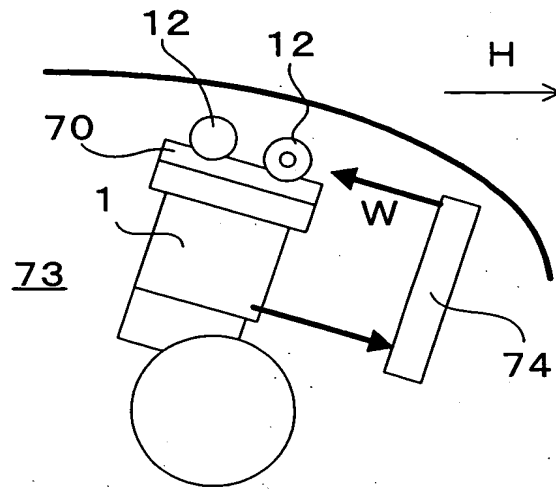


FIG. 14

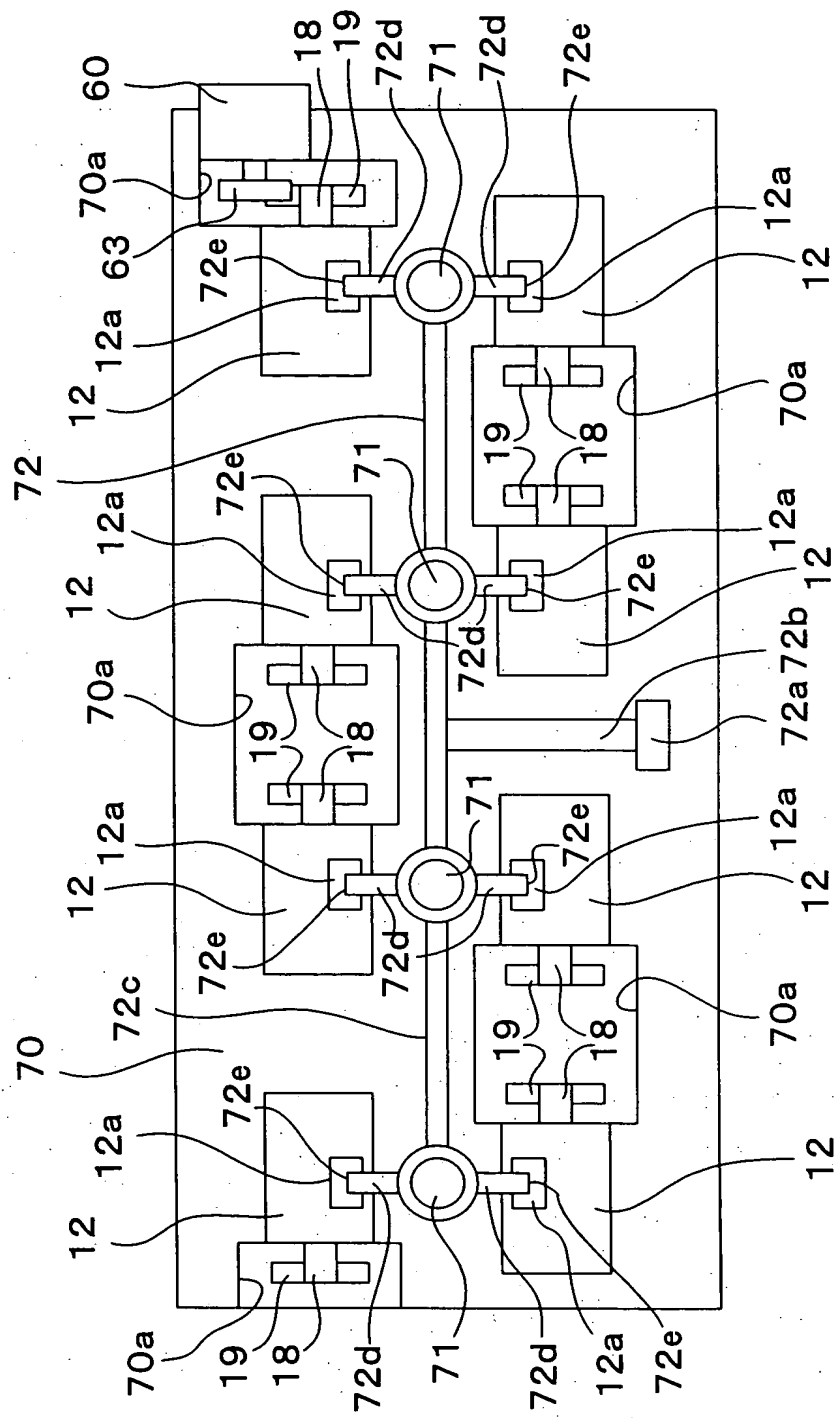


FIG. 15

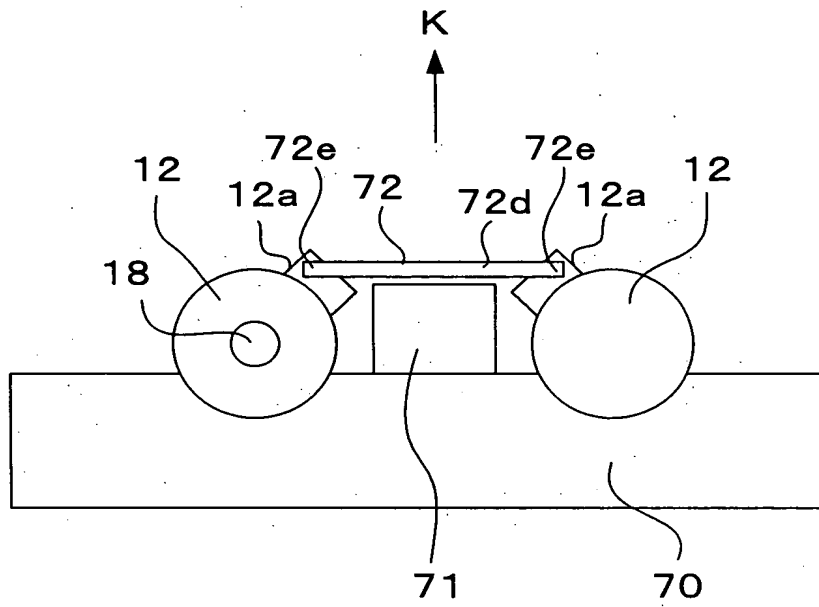


FIG. 16

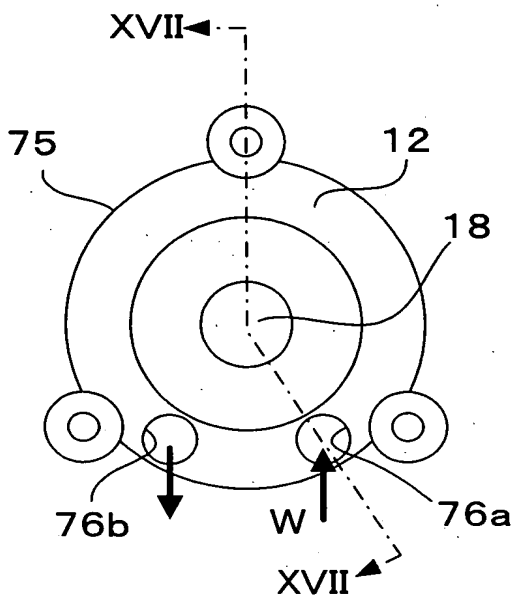


FIG. 17

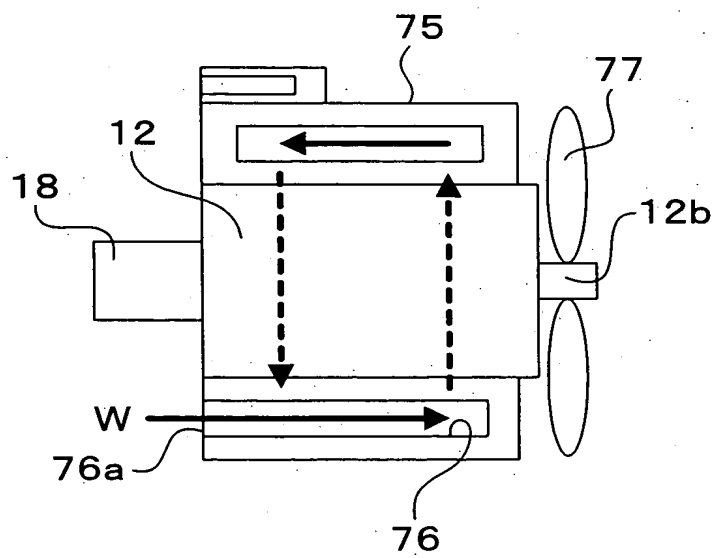


FIG. 18A

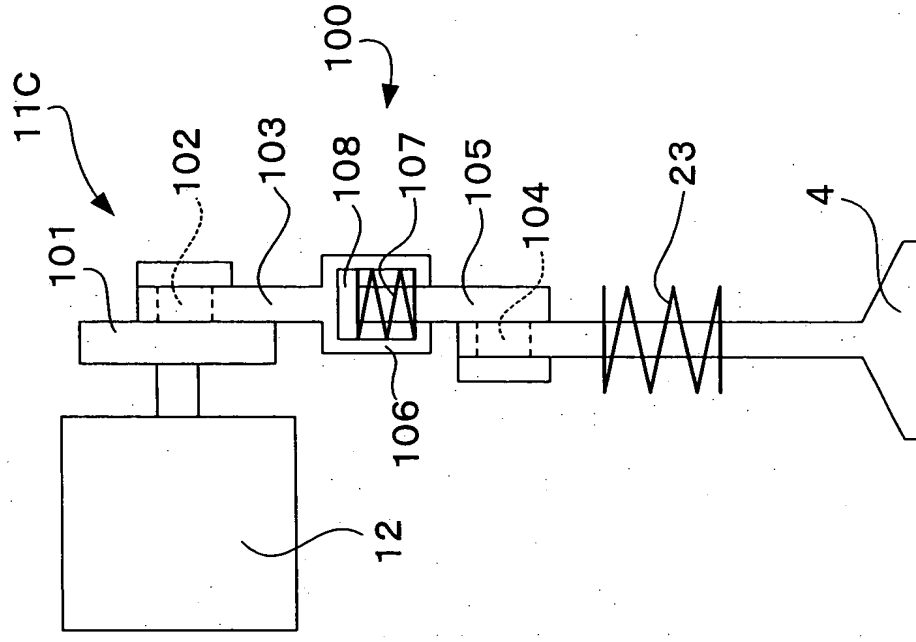


FIG. 18B

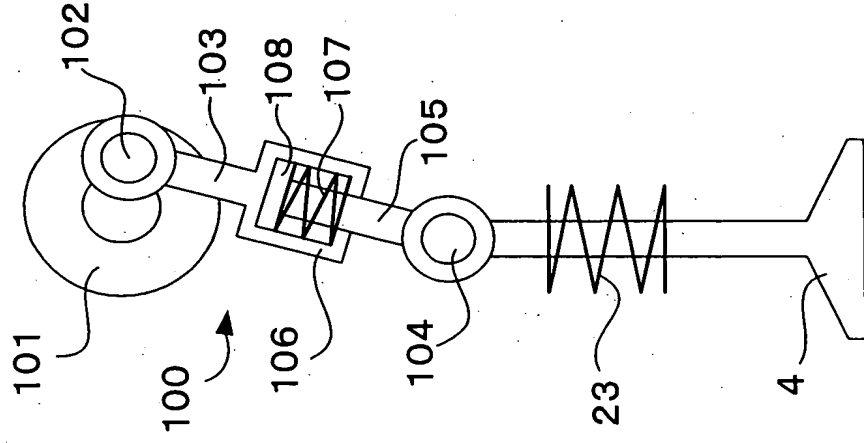


FIG. 19A

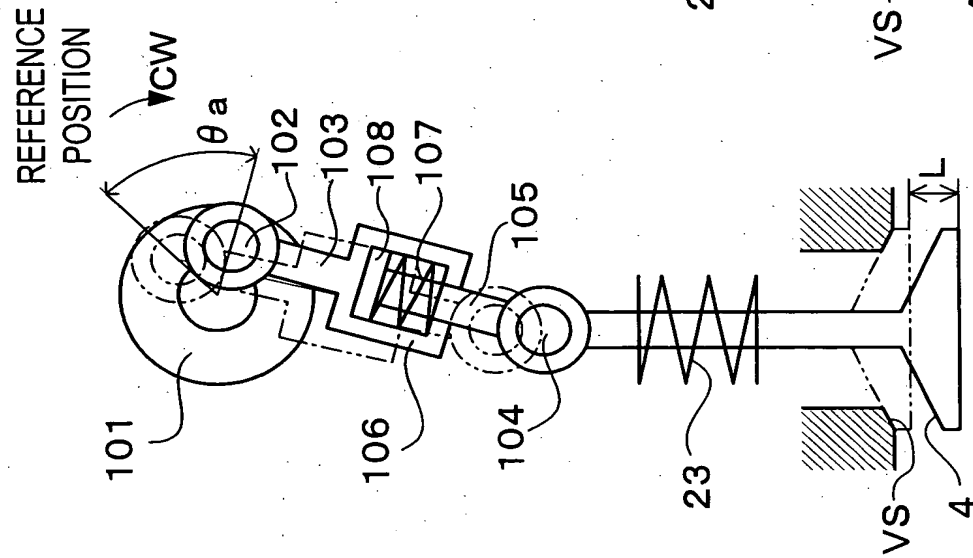


FIG. 19B

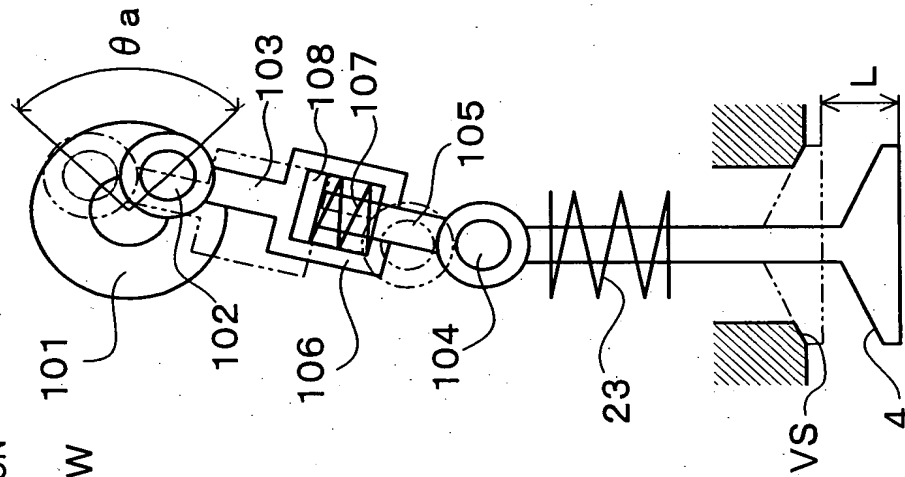


FIG. 19C

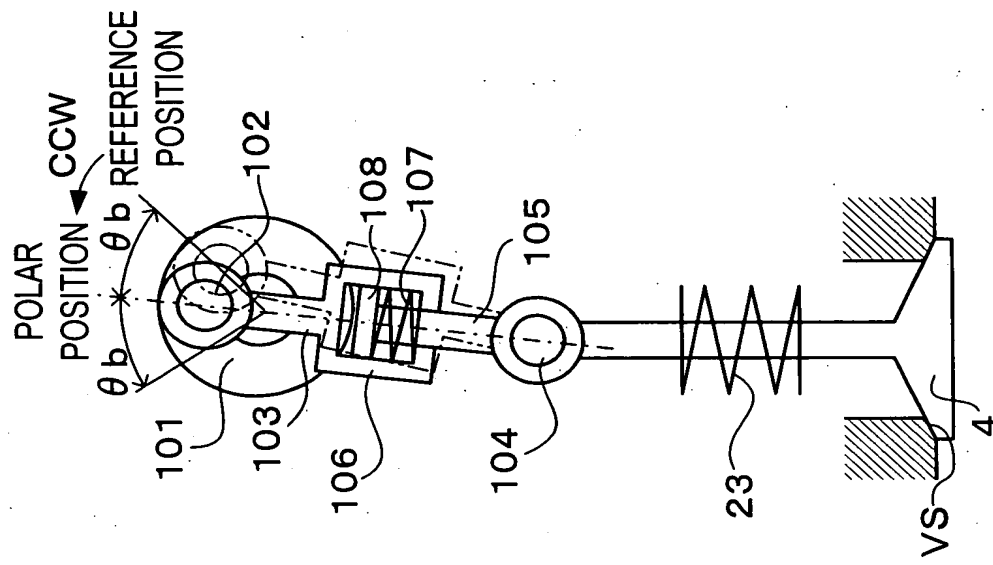


FIG. 20A

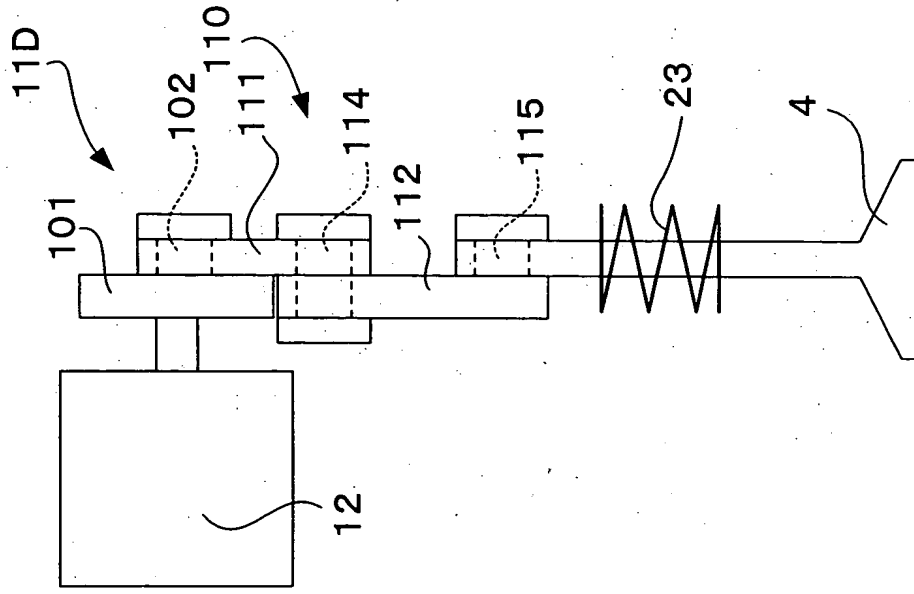


FIG. 20B

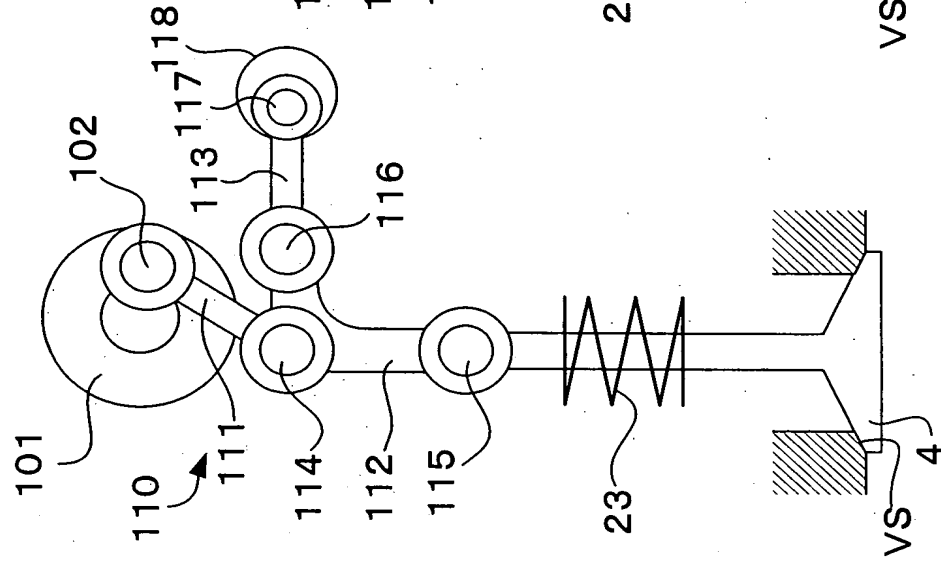


FIG. 20C

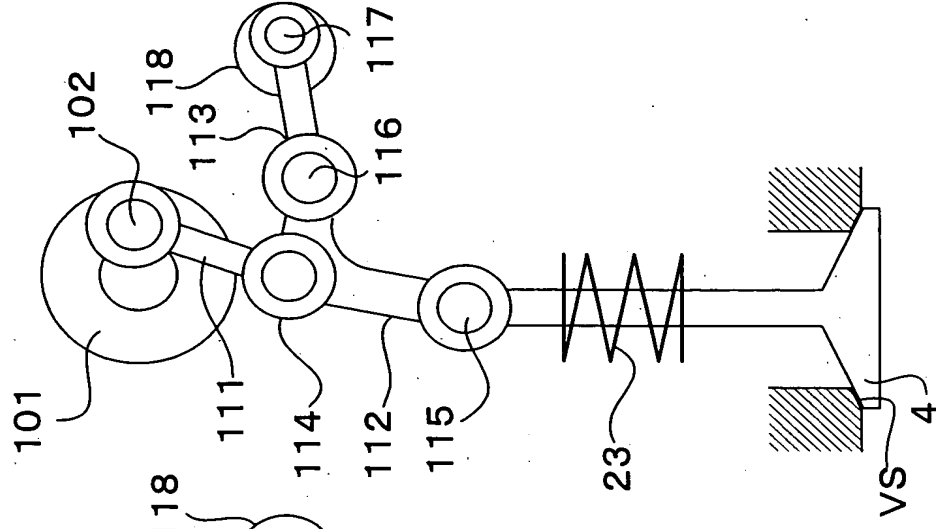


FIG. 21

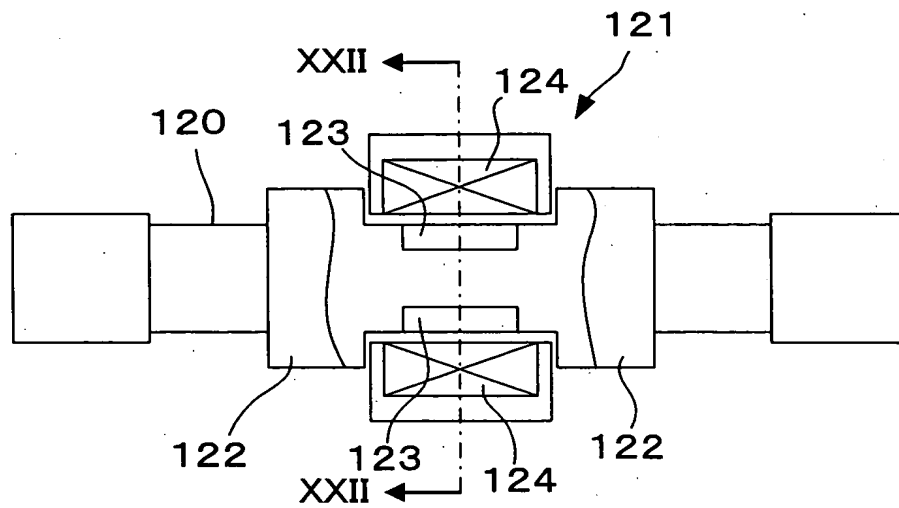


FIG. 22

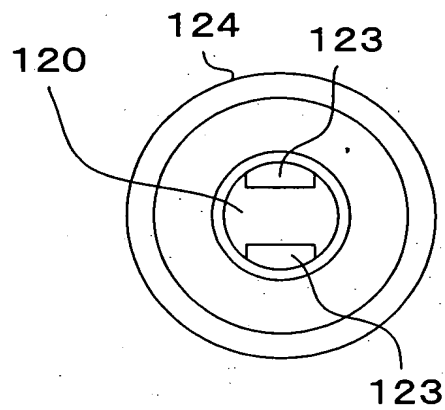


FIG. 23

